

US EPA ARCHIVE DOCUMENT

Comparison of the features of the DRES and DEEM dietary risk software systems

Feature	DRES	DEEM
Consumption Data Base	1977-1978 NFCS	1989-1991 CSFII
Computer Environment	DOS	Windows 3.11 or Windows 95
Types of Assessments performed: chronic cancer acute, not probabilistic acute, probabilistic	yes yes yes no	yes yes yes yes
Refinements for chronic and cancer: % crop treated processing factors	yes yes	yes yes
Refinements for acutes: % crop treated processing factors	no yes, but limited	yes yes
Outputs: chronic and cancer acute	tabular histogram	tabular, exportable to electronic media tabular, exportable to electronic media
Population subgroups evaluated: chronic acute	general US population + 22 subgroups general US population + 5 subgroups	general US pop. + 26 subgroups + custom general US pop. + 26 subgroups + custom
Applicability to Aggregate Assessments	indirect combination with other inputs	occurs as a component of the Calendex software system which performs residential assessments (probabilistic and nonprobabilistic) and aggregates the results with the dietary assessments from DEEM